

Attorney Docket No. 81862P257

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:)
Rohit Sharma, et al.) Examiner: Ahmed, Salman
Application No.: 09/944,782) Art Unit: 2616
Filed: August 30, 2001)
For: METHOD FOR MULTI-LINK LOAD)
BALANCING TO IMPROVE)
SEQUENCED DELIVERY OF)
FRAMES AT PEER END)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

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Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

XXX 37 C.F.R. §1.97(b).

_____ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

_____ A statement pursuant to 37 C.F.R. §1.97(e) or

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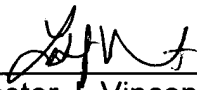
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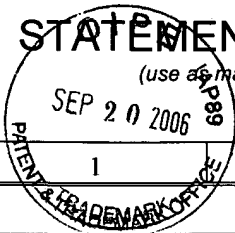
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Los Angeles, California 90025
(408) 720-8300

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)



Sheet 1 Of 5

Complete if Known

Application Number	09/944,782
Filing Date	August 30, 2001
First Named Inventor:	Rohit Sharma
Art Unit	2616
Examiner Name	Ahmed, Salman
Attorney Docket Number	81862P257

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
		us-	4,703,475	10/27/1987	Dretzka et al.	
		us-	5,153,877	10/6/1992	Esaki et al.	
		us-	5,224,099	6/29/1993	Corbalis et al.	
		us-	5,274,643	12/28/1993	Fisk	
		us-	5,341,366	8/23/1994	Soumiya et al.	
		us-	5,359,592	10/25/1994	Corbalis et al.	
		us-	5,359,593	10/25/1994	Derby et al.	
		us-	5,420,857	5/30/1995	Jurkevich	
		us-	5,422,880	6/6/1995	Heltkamp et al.	
		us-	5,561,663	10/1/1996	Klausmeier	
		us-	5,617,417	4/1/1997	Sathe et al.	
		us-	5,687,167	11/11/1997	Bertin et al.	
		us-	5,729,546	3/17/1998	Gupta et al.	
		us-	5,764,626	6/9/1998	VanDervort	
		us-	5,793,744	8/11/1998	Kanerva et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
			WO 99/65194	A1	12/16/1999	Petaejistoe		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS.
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Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/944,782
				Filing Date	August 30, 2001
				First Named Inventor:	Rohit Sharma
				Art Unit	2616
				Examiner Name	Ahmed, Salman
Sheet	2	Of	5	Attorney Docket Number	81862P257

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
		US-	5,815,492	9/29/1998	Berthaud et al.	
		US-	5,872,771	2/16/1999	Park et al.	
		US-	5,881,049	3/9/1999	Beshai et al.	
		US-	5,898,691	4/27/1999	Liu	
		US-	5,917,804	6/29/1999	Shah et al.	
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		US-	5,936,940	8/10/1999	Marin et al.	
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		US-	5,970,067	10/19/1999	Sathe et al.	
		US-	6,028,840	2/22/2000	Worster	
		US-	6,041,039	3/21/2000	Kilki et al.	
		US-	6,052,385	4/18/2000	Kanerva et al.	
		US-	6,061,348	5/9/2000	Castrigno et al.	
		US-	6,084,858	7/4/2000	Matthews et al.	
		US-	6,115,374	9/5/2000	Stonebridge et al.	

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		US-	6,160,808	12/12/2000	Maurya	
		US-	6,167,030	12/26/2000	Kilkki et al.	
		US-	6,222,824 B1	4/24/2001	Marin et al.	
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		US-	6,356,546 B1	3/12/2002	Beshai et al.	
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		US-	6,496,504 B1	12/17/2002	Malik	
		US-	6,512,769 B1	1/28/2003	Chui et al.	
		US-	6,526,060 B1	2/25/2003	Hughes et al.	
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		US-	6,625,155 B1	9/23/2003	Dziong	
		US-	6,678,264 B1	1/13/2004	Gibson	

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		Number-Kind Code ² (If known)				
		US-	6,690,671 B1	2/10/2004	Anbiah et al.	
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		US-	6,778,495 B1	8/17/2004	Blair	
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		US-	6,862,284 B1	3/1/2005	Spiegel et al.	
		US-	6,977,898 B1	12/20/2005	Miriyala	
		US-	7,039,014 B1	5/2/2006	Krishnamurthy et al.	
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				Art Unit	2616
				Examiner Name	Ahmed, Salman
Sheet	5	of	5	Attorney Docket Number	81862P257
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
		"RADCOM Network Simulators and Analyzers," http://www.radcom.com/Products.aspx?boneld=660&pageCTemplate=0&print=2 , 1 page (based on product prior to December 18, 2001)			
		"RADCOM Protocol Simulators/PNNI Simulator," http://www.radcom.com/Products.aspx?boneld=936&PageCTemplate=0&print=2 , 2 pgs. (based on product prior to December 18, 2001)			
		"Soft-ATM Private Network-to-Network Interface (PNNI)," http://www.ikon-gmbh.de/german/datasheets/netplane/pnni.htm (July 12, 2001)			
		"PNNI: A little background," http://www.antc.utwente.nl/Reports/ATM/PNNI/pnni_background.html (September 19, 2001)			
		"Protocol Directory – ATM Signaling & Routing," http://www.protocols.com/pbook/atmsig.htm (November 14, 2001)			
		International Telecommunication Union (ITU), ITU-T, Q.2931. B-ISDN Application Protocols for Access Signaling (February 1995).			
		The ATM Forum Technical Committee, "Addressing Addendum to ATM User-Network Interface (UNI) Signalling Specification, Version 4.0," ATM Forum document number AF-CS-0107.000, February 1999			
		The ATM Forum Technical Committee, "UNI Signalling 4.0 Security Addendum," ATM Forum document number AF-CS-0117.000, May 1999			
		The ATM Forum Technical Committee, "Modification of Traffic Parameters for an Active Connection Signalling Specification (PNNI, AINI, and UNI), Version 2.0," ATM Forum document number AF-CS-0148.001, May 2001			
		The ATM Forum Technical Committee, "ATM User-Network Interface (UNI) Signalling Specification, Version 4.0," ATM Forum document number af-sig-0061.000, July 1996			
		Saltouros, Marios P., et al., "A Scalable Qos-Based Routing Scheme for ATM Networks Using Reinforcement Learning Algorithms," University of Athens, Greece (1999)			

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Summary of USPTO Kind Codes Used on Documents Published Beginning January 2, 2001

WIPO ST.16 Kind Codes	Kind of document	Comments
A1	Patent Application Publication	Pre-grant publication available March 2001
A2	Patent Application Publication (Republication)	Pre-grant publication available March 2001
A9	Patent Application Publication (Corrected Publication)	Pre-grant publication available March 2001
B1	Patent	No previously published pre-grant publication
B2	Patent	Having a previously published pre-grant publication and available March 2001
C1, C2, C3...	Reexamination Certificate	Previously used codes B1 and B2 are now used for granted Patents
E	Reissue Patent	No change
H	Statutory Invention Registration (SIR)	No change
P1	Plant Patent Application Publication	Pre-grant publication available March 2001
P2	Plant Patent	No previously published pre-grant publication
P3	Plant Patent	Having a previously published pre-grant publication and available March 2001
P4	Plant Patent Application Publication (Republication)	Pre-grant publication available after March 2001
P9	Plant Patent Application Publication (Corrected Publication)	Pre-grant publication available March 2001
S	Design Patent	No change